DISHPlayer 500

Personal TV

Remote Control



Microsoft webtv

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Welcome!

Congratulations on your purchase of the Personal TV remote control! This remote will help you control the main functions of your DISHPlayer unit as well as simplify the use of the Personal TV service. To make full use of the Personal TV remote control, subscribe to Personal TV by contacting the Dish Network™ service center at 1-800-333-DISH (3474). For Personal TV features and operation, see "Personal TV Service" on page 6. For more information about the use of your Personal TV remote control, see the *User Guide* that came with your DISHPlayer receiver or select **Help** from **TV Home**.

You can also program your Personal TV remote control to control most televisions and video cassette recorders. This is very useful, as it allows you to adjust the volume of your television, turn your television on and off, switch television inputs, and control your VCR. To set up the Personal TV remote control to operate your television and VCR, see "Programming the Remote Control" on page 28.



Be aware that when you use your new Personal TV remote control, the original remote control that came with your DISHPlayer will operate slightly different. The original remote can be identified by looking on the back. The number "123477447" is written in bold lettering on the back of the remote. See page 25 for more information.

Important Safety Instructions

For your protection, you must remember certain safety issues while using this devise. Please keep these and any additional instructions for future reference.

Installation

Observe Warnings: Carefully follow all warnings on the device and in the operating instructions.

Heat: DO NOT place the device near heat sources such as radiators, stoves, heat registers, or other appliances that produce heat.

Care and Use

Cleaning: DO NOT use liquid, abrasive, solvent, or aerosol cleaners. Use a damp cloth for cleaning.

When Not In Use: Remove the batteries if this device is to be left unattended or unused for a long period of time.

ATTENTION! Refer servicing to qualified personnel when a solid object or liquid has fallen onto or into the device.

ATTENTION! DO NOT attempt to service this device. Refer all servicing to qualified personnel. Opening covers other than the battery cover will void the warranty.

ATTENTION! Dispose of batteries properly. Follow the instructions that came with your batteries for proper disposal.

Installing Batteries

The remote control uses AA batteries. When you replace old batteries, you should replace all of the batteries. Use batteries of the same grade and do not mix batteries of different grades. Alkaline batteries provide longer battery life.

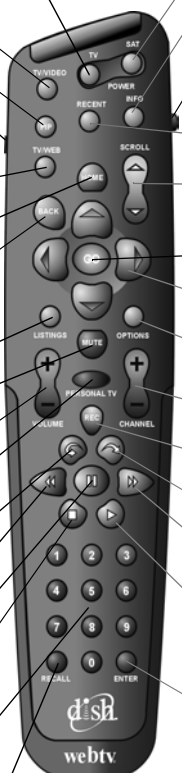


1. Push down on the slot in the battery case cover (on the back of the remote control) and slide the cover off.

2. Insert the new batteries, making sure to match the plus (+) ends with the plus markings on the battery case.

3. Replace the battery cover by sliding the cover back up into place.

Main Features of the Personal TV Remote Control



Turn TV on/off

Turn satellite receiver on/off

Cycle through video inputs on your TV

Display TV program or Web page information

Display PIP (Picture-in-Picture window) while using the Web

TV/VCR SAT MODE Switch between TV/VCR receiver control

CODESET Set remote to control your TV/VCR

Display recent channels or Web

Switch between TV and Web viewing

Scroll screens, TV Listings and Web pages

Go to current Home (TV or Web)

Select highlighted item

Return to previous screen

Move yellow box or cursor

Display TV Listings and cycle through Favorites

Display Options panel for TV and Web

Turn TV sound on/off

Change channels

Control TV volume

Record the current show to Personal TV

Display Personal TV screen

Skip forward the next 30 seconds

Replay; skip back 7 seconds

Fast Forward program

Rewind program

Play; resume playing program

Pause program

Move PIP (Picture-in-Picture window) while on the Web

Stop recording

Select channels; enter numbers in text fields

Return to previous channel

Using the Remote Control

The table below describes the remote functions. The remote control uses infrared (IR) light to communicate with the DISHPlayer receiver. You should stay within 30 feet of the receiver when using the remote, and point it directly at the front panel of the receiver.

Remote Control	Action
top gray arrows	Move yellow box or cursor
GO	Selects item surrounded by yellow box
CHANNEL	Changes satellite (or TV) channels
VOLUME	Controls TV volume
LISTINGS	Displays TV Listings (and cycles through Favorites lists)
SCROLL	Scrolls TV Listings and Web pages one page at a time
RECALL	Returns to previous channel
OPTIONS	Displays Options panel (includes “Search Listings,” “Go Live,” and “Go Interactive” features)
MUTE	Turns TV sound on/off
PERSONAL TV	Display Personal TV screen
BACK	Returns to previous screen
RECENT	Displays recent channels (or Web pages)
TV/WEB	Switch between TV and Web viewing
HOME	Go to current Home screen (TV Home or Web Home)
numbers	Select channels; enter numbers in text fields
PIP	Displays PIP (picture-in-picture) while using WebTV service
SAT (POWER)	Turns the receiver on/off
TV (POWER)	Turns TV on/off

Remote Control	Action
TV/VIDEO	Cycles through TV video inputs
TV/VCR SAT MODE	On the side of the remote, switches receiver control between TV/VCR and Satellite Receiver
ENTER	Moves PIP (Picture-In-Picture) while on the Web
CODESET	Set code to control your TV and VCR
Replay 	Jumps back in the current or recorded program 7 seconds
Skip 	Skips the recorded or paused program ahead 30 seconds
Pause 	Pauses program. Press this button again to resume play.
Fast Forward 	Fast forwards through the current program until another function is selected
Rewind 	Rewinds the current program until another function is selected
Stop 	Stops the current recording
Record 	Records the current program
Play 	Resumes playing the current or recorded program
INFO	Displays information about current TV program (or Web page)

Personal TV Service

WebTV's Personal TV service is the wave of the future. It gives you the capability never to miss a program and to watch it at your convenience.

With Personal TV you can:

- Schedule programs to record on your Personal TV service or your VCR
- Play and replay recorded programs
- Receive *Instant News* from your TV Listings

Personal TV also lets you pause live TV programs. When you've paused a program you can then fast forward and rewind through the program as you are watching it. For instance, you can use instant replay to see that winning touchdown again, or skip ahead past a scene you already viewed. Subscription to Personal TV service requires a subscription in addition to your satellite TV service. Call 1-800-333-DISH (3474) to subscribe.

TV Home

The **TV Home** screen has a link to Personal TV. A green indicator will light up next to the Personal TV link when a new program has been recorded. During recording the indicator will be red.

Displays Personal TV recording events, and reminders.



Personal TV Listing

Choose **Personal TV** from **TV Home** or press the **Personal TV** button on the remote control. The **Personal TV Listing** screen lists previously recorded programs, future recording events, TV reminders, and VCR recording events. From this screen you can find information about TV programs that you've already recorded and programs that are sched-

uled to be recorded in the future. This is also where you choose recorded programs to watch.



Reading Personal TV Listing
Green listings are recorded programs. Blue listings are recordings or reminders that are scheduled to occur in the future. The highlighted program is described at the top of the screen.

Recording a Program On Personal TV

Recording a program on Personal TV is like recording a program on your VCR only instead of recording on to a tape, you are recording on to the hard drive of the DISHPlayer receiver. If you record a program on to your Personal TV service and then decide you want a copy saved on video tape, follow the instructions "Saving a Recorded Program on to a Video Tape" on page 16. The DISHPlayer has a limited capacity for recording (between 4 and 12 hours of record time). Depending on the model of your receiver, the size of the hard drive, and what you are recording, your Personal TV service may erase previously recorded programs if it needs the space to record scheduled recording events.

Note: You cannot change channels while recording. If you try to change channels, a warning panel will appear at the bottom of your screen prompting you to stop recording. Select **Stop Recording** if you wish to quit recording the current program to Personal TV.



To Instantly Record a Program on Personal TV

While watching the program:

- Press the **Record** button on the remote control ().

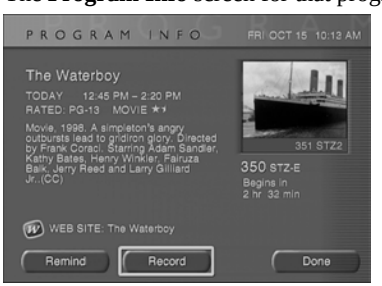
 A record icon will display for a few seconds, then disappear to indicate the program is being recorded.
 Or

1. Press the **Info** button on the remote control or optional keyboard.
2. Select the **Record** option on the **Program Info** screen.
3. Select **Record on Personal TV** on the **Personal TV** screen and select **Continue**.
 The next screen will verify that Recording is scheduled.
4. Select **Done**.

To stop recording, press the **Stop** button on your remote control () and select the **Stop Recording** option from the panel that appears.

To Record a Future Program on Personal TV

1. Select **TV Listings** from **TV Home**.
2. Select how you want to view the TV Listings (by today, time, date, search, category, etc.).
3. Select an upcoming program you want to record from the list (upcoming programs are colored blue).
 The **Program Info** screen for that program appears.



4. Select **Record**.
 The **Record** screen appears.



Note: *The **Record on VCR** option will only appear if your DISHPlayer has been set up to control your VCR.*

5. Make sure the **Record on Personal TV** red indicator light is turned on, then select **Continue**.
 The **Recording Scheduled** screen appears.

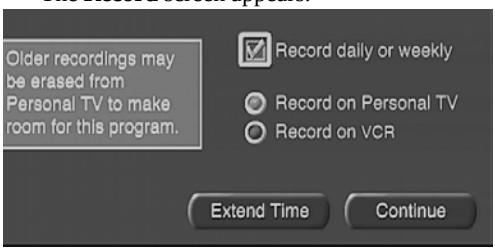


6. Select **Done**.
 The **TV Listing** screen appears with a red dot next to the program. This indicates that the program is scheduled to be recorded on Personal TV.



To Record a Program Daily or Weekly

1. Select **TV Listings** from **TV Home**.
2. Select how you want to view the TV Listings (by today, time, date, search, category, etc.).
3. Select the program you want to record daily or weekly from the list.
 The **Program Info** screen for that program will appear.
4. Select **Record**.
 The **Record** screen appears.



5. Select **Record daily or weekly** then select **Continue**.
 The **Recording Scheduled** screen appears.
6. Select **Done**.
 The **TV Listings** screen appears with several dots next to the program. This indicates that the program is scheduled to be recorded daily or weekly on Personal TV.



To Record a Future Program on Your VCR

When you record a program using your VCR, the DISHPlayer sends an IR signal to the VCR which in turn, starts the record function on the VCR. When the program ends, the receiver then sends a second IR signal to stop the VCR from recording.

To use your VCR with your DISHPlayer, make sure that you first configure the VCR to work with your receiver. For more information on how to do this see the *User Guide* that came with your DISHPlayer. If the DISHPlayer has not been set up to control your VCR, the **Record**

on VCR option will not be displayed on the **Personal TV Record** screen. For more information on recording using your VCR see the *User Guide* that came with your DISHPlayer.

Note: You cannot change channels while recording. If you try to change channels, a warning panel will appear at the bottom of the screen asking you if you want to stop recording. If you choose **Stop Recording**, the receiver will stop the VCR from recording at that point.



Remember, stay in full screen mode when recording using a VCR. Everything that is displayed on the television screen, including menus, will be recorded on to the video tape if you don't.

1. Turn on your VCR and insert a recordable video tape.
2. Select **TV Listings** from **TV Home**.
3. Select how you want to view the TV Listings (by today, time, date, search, category, etc.).
4. Select an upcoming program you want to record from the list (upcoming programs are colored blue).
 The **Program Info** screen appears.



Note: *You must leave your VCR power **ON** to record the program.*

5. Select **Record**.
 The **Record** screen appears.



Record on VCR Option
*The **Record on VCR** option will only appear if you configured your DISHPlayer to work with your VCR. See the User Guide that came with your DISHPlayer.*

6. Select **Record on VCR** and select **Continue**.
 The **Recording Scheduled** screen appears.
7. Select **Done**.
 The **TV Listing** screen appears with a red dot inset with a **V** next to the program to indicate that the program is scheduled to be recorded on your VCR.



When the program starts, the receiver will automatically start your VCR recording and stop it when the program is finished.

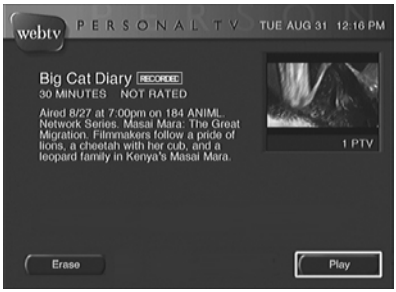
Playing and Saving a Recorded Program

Channel 1 is reserved for Personal TV viewing. When you select a program to be played from Personal TV listings, the receiver will automatically change to this channel. Tune to **Channel 1** to see a recording that you already started playing if you've changed channels. Changing channels will stop the playback of a recorded program. When you tune back to **Channel 1**, the recorded program will start playing at the point when you changed channels.

To Play a Recorded Program on Personal TV

1. Select the recorded program you want to watch from your **Personal TV listings** (recorded programs appear in green). The **Pro-**

gram Info screen displays information about the recorded program.



2. Select **Play**.
 The receiver will automatically change to **Channel 1** and the program will begin playback. If you stop the program, press **Play** on your remote control to resume watching where you left off.

Playback Finished

When the recorded program is finished playing, the **Playback Finished** screen will appear. Select **Erase** to permanently erase the program or select **Personal TV** to go back to your **Personal TV listings**.



Playback Finished
*Select **Personal TV** to go back to **Personal TV listings**.*
Select **Start Over** to watch the program again.
Select **Erase** to remove the program from **Personal TV listings**.

TV Options Panel

Press the **Option** button on the remote control or keyboard. The **Options panel** will appear at the bottom of the screen.



From this menu, you have three options:

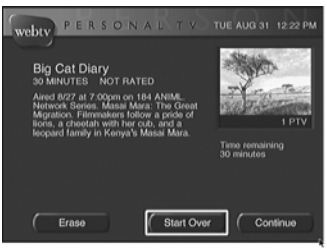
- Select **Search Listings** to search TV Listings for a program.
- Select **Go Live** to stop watching the recorded program and start watching live TV.
- Select **Go Interactive** to follow an Interactive TV Link (this button will only be selectable if the program has interactive content associated with it). For more information about Interactive Television Links see the *User Guide* that came with your DISHPlayer.

To remove the **Options** panel from the screen, press the **Options** button on your remote control or keyboard again.

To Replay a Recorded Program from Personal TV

As long as the program is still available, you can replay a recorded program as often as you like.

Select a program from your **Personal TV listings**. If you already watched part of the recording, but stopped it before it finished, the **Start Over** button will appear.



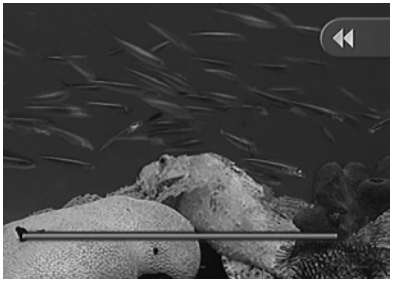
Replaying a Recorded Program
*Select **Continue** to start playing the program where you previously stopped.*
Select **Start Over** to play the program from the beginning of the recording.
Select **Erase** to permanently remove the program from your **Personal TV listings**.

Rewinding and Fast Forwarding Through a Recorded Program

You can rewind or fast forward through a recorded program as you are watching it. Rewinding and fast forwarding will occur at different rates depending on the number of times you press the button.

To Rewind a Recorded Program

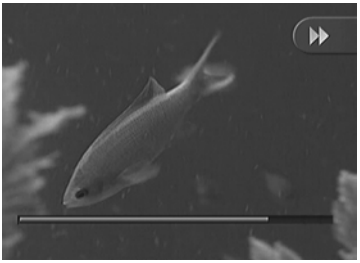
Press the **Rewind** button on the remote control ().



Rewinding
*The recording will rewind until you press **Play** or until it reaches the beginning of the recording.*
Pressing the **Rewind** again increases the rewind speed.

To Fast Forward a Recorded Program

Press the **Fast Forward** button on the remote control ().



Fast Forward
*Fast forward advances the recording until you press **Play**. If you fast forward all the way to the end of the recording, you will be returned to Live TV.*
Pressing **Fast Forward** again increases the speed.

Replaying or Skipping Ahead Through a Recorded Program

The **Instant Replay** or **Skipping Ahead** button is useful to jump around the program more rapidly.

To Replay Part of a Recorded Program

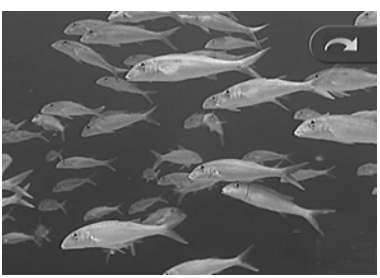
Press the **Instant Replay** button on the remote control ().



Instant Replay
Instant Replay *skips back about 7 seconds each time you press the button.*

To Skip Part of a Recorded Program

Press the **Skip** button on the remote control ().



Skipping Ahead
Skipping *jumps ahead 30 seconds in the recorded program.*

Saving a Recorded Program on to a Video Tape

It is easy to use a video tape to save a copy of a program recorded using your Personal TV service. This is a good way to make space available in your Personal TV service for recording new programs.

To Save a Personal TV Recording to a Video Tape

1. Put a tape in your VCR and make sure the VCR power is on.
2. From your **Personal TV** listing screen, select the program that you want to copy to a video tape.
 The **Program Info** screen will appear.
3. Manually set your VCR to start recording.
4. Select **Play** on the **Program Info** screen.
 The VCR will record the program as it plays back from your Personal TV service.
5. When the program is over, manually stop the VCR.
 The program has been copied on the video tape.
6. You can now remove the program from your **Personal TV listings** if you choose by selecting the program from the **Personal TV listings** and selecting **Erase**.

Note: You cannot change channels while recording. If you want to change channels, you must first stop recording the program. Otherwise, your VCR will record the other channel selections you make.

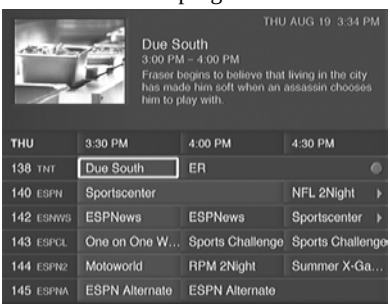
Schedule Conflicts and Removing Events

TV Listings

TV Listings is your interactive on-line guide to schedule programming on all of the channels you can watch with your DISHPlayer receiver.

Scheduled Recording Events

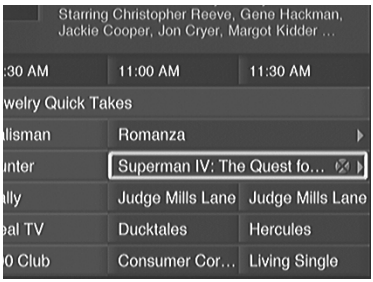
If you scheduled a program for recording on your DISHPlayer, a red dot will appear next to the name of the program. A red dot inset with a **V** indicates that the program will be recorded on your VCR.



The red dot indicates that the event that it is next to will be recorded on your Personal TV service. If the dot is inset with a **V**, it will be recorded on your VCR.

Recording Conflicts

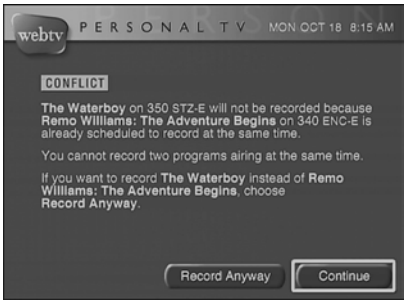
If two programs are scheduled to record at the same time, the program that will be recorded will have a red dot next to it and the program that will not be recorded will have an **X** inset in its red dot.



A red dot inset with an **X** in the **TV Listings** screen indicates a recording event that will not be recorded due to a schedule conflict.

Schedule Conflicts

You can only record one program at a time from your DISHPlayer, either on your Personal TV service or on your VCR. If you are scheduling an event that conflicts with a previously scheduled recording event, the **Conflict** screen appears.



Select **Continue** to cancel the new recording event and record the existing event.
Select **Record Anyway** to cancel the existing event and schedule the new one.

Your **Personal TV listing** screen will display the record conflicts.



The **Personal TV listing** screen displays conflicting recording events. The program listing with a conflict box will not be recorded.

Removing a Scheduled Event

To remove a scheduled recording or reminder from your **Personal TV listing**, choose the program from your **Personal TV listing**.

Choose **Don't Record** (or **Don't Remind** for reminders).
The cancelled event will be removed from the **Personal TV listing** screen.

Enhanced TV Pause

The *Enhanced TV Pause* feature, available as part of the Personal TV service, lets you pause the television program you are watching as often as you like. Unlike the standard TV Pause feature, Enhanced TV Pause has an extended time of delay. After pausing, you can resume watching where you left off, whenever you are ready. You can also **Rewind**, **Fast Forward**, **Instant Replay**, and **Skip Ahead** in the paused and recorded programs. While you are watching the delayed portion of the program, the rest of the program is recorded as it airs. This means that you never have to miss a program again.

An important note to remember when using Enhanced TV Pause is that the feature affects only the channel you are currently watching. The other television channels will continue at their normal time. Remember that Enhanced TV Pause is stopped if you change channels, but not if you go to **TV Home** or **Web Home**.

Pausing a Program

Press the **Pause** button on the remote control ().



How Enhanced TV Pause Works

When you tune to a channel, your receiver automatically starts recording the program you are watching.

Pausing stops the playback, not the recording. Press the **Pause** button again to resume playing where you left off.

The program stops and pause indicator appears on the right side of the screen.

Resume Watching a Program

Press the **Play** button on the remote control ().



Resuming

When you resume playing the program, it starts playing right where you paused, so you don't miss a thing.

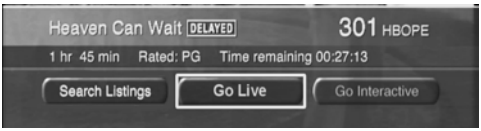
You are now watching delayed programming instead of live TV.

To Return to Live Programming

- To watch the program as it is being broadcast (skipping the delayed portion), press the **Option(s)** button on the remote control or key-

board.

The Options panel appears.



Options Panel
The Options panel displays the title of the program, the status (i.e. delayed), length of the program, and time remaining.

Or

- Press the **Channel** button (+ or -) on your remote control or keyboard and select **Go Live**.



Viewing Live TV
Live programming means you are watching the channel in real time, with no delay.

This removes the delay. You will now see the TV program as it is currently being broadcast. Your Personal TV service will not erase the saved program (unless you change channels) and will continue to record the program. This will allow you to still have the ability to rewind and pause as often as you like.

To Rewind a Delayed Program

Press the **Rewind** button on the remote control ().



Rewinding
The delayed program will rewind until you press ***Play*** *or until it reaches the point at which you enabled delay.*
Pressing **Rewind** again increases the rewind speed.

To Replay Part of a Delayed Program

Press the **Instant Replay** button on the remote control ().



Instant Replay
Instant Replay *skips back about 7 seconds each time you press the button.*

To Fast Forward Through a Delayed Program

Press the **Fast Forward** button on the remote control ().

Note: You can only fast forward if you are watching a program when it is delayed.

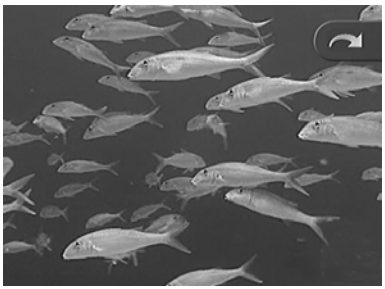


Fast Forward
Fast forward *advances the recording until you press* ***Play****. If you fast forward all the way to the end of the delay, you will be returned to Live TV.*
Pressing **Fast Forward** again increases the speed.

To Skip Ahead in a Delayed Program

Press the **Skip Ahead** button on the remote control ().

Note: You can only skip ahead if you are watching a program when it is delayed.



Skipping Ahead
Skipping *jumps ahead 30 seconds in the recorded program.*

Instant News

Instant News is for times when you need to know what's happening in the world in an instant. With it you can get stock quotes, headline news, sport scores, entertainment news, and breaking weather. Instant News provides headlines and story captions only. To read the entire story, you will need to subscribe to WebTV Plus service. See the *User Guide* that came with your DISHPlayer for instructions to subscribe.

To Use Instant News

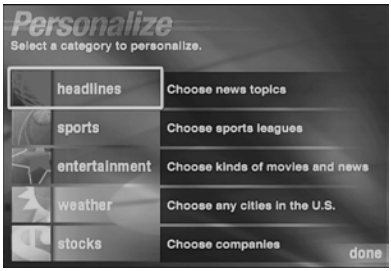
1. Use the **Channel** button or **numbers** on your remote control or keyboard to get to **Channel 201**.



 The **Instant News** screen appears.
2. Select a desired news category from the list at the bottom of the screen or simply page through the headlines by selecting the arrows at the top of the screen.
3. If you have subscribed to WebTV Plus service, you can select the **CONNECT FOR MORE** option to read the entire story or get the complete report. You will be connected to internet for the complete news story.

To Personalize Your Instant News

1. Use the **Channel** button or **numbers** on your remote control or keyboard to get to **Channel 201**.
 The **Instant News** screen appears.
2. Select personalize from the top/right of the screen.
3. Select a category from the list.



4. Follow the instructions to customize the desired category and select **done** when finished.

Personal TV and the Original Remote Control/Wireless Keyboard

Before you use your new Personal TV Remote, the **Arrow** and **Go/Enter** buttons on your original remote and wireless keyboard combine cursor movement/selection with Personal TV functions. However, once you use the new remote, the Personal TV functions will not be available on the original remote and the **Arrow** and **Go/Enter** buttons will only function as cursor movement/selection.

Before Using the New Personal TV Remote

Original Remote & Wireless Keyboard combines cursor movement with Personal TV functions.



After Using the New Personal TV Remote

Original Remote & Wireless Keyboard will no longer be able to control Personal TV functions



Original Remote



Wireless Keyboard

Controlling Your VCR with the Remote Control

Several of the buttons on the remote can be used to operate your VCR. In order for the remote to control your VCR, it must be set up to work with your VCR. See “Programming the Remote Control” on page 28 to do this. Below is a diagram of the functions you can use with your VCR:



Note: To operate these functions on your VCR, make sure that the **TV/VCR SAT** mode switch is set to **TV/VCR**. Otherwise, these functions will operate the Personal TV functions (see previous diagram and “Using the Remote Control” on page 4).

The functions shown above are the only functions that will operate your VCR. To operate other functions on your VCR, use the buttons on the VCR or remote that came with your VCR.

Programming the Remote Control

This section explains how to program your remote to control your television and VCR. This will allow you to adjust the volume, turn the television on and off, change channels, and control your VCR.

Programming for Television Operation

The remote control is already preprogrammed to control the DISHPlayer receiver. To program the remote to control your television, do the following:

1. Find the three-digit code for your TV manufacturer in the *Televisions* table on page 8. Use the first number listed if more than one set of numbers appears for your TV.
2. Set the **TV/VCR SAT** mode switch on the right side of the remote control to **TV/VCR**.
3. Press and hold the **CODESET** button on the left side of the remote control for six seconds.
4. Enter the appropriate three-digit code, which you found in step 1 for your television model.
5. Press **ENTER**.
6. Set the **TV/VCR SAT** mode switch back to **SAT**.
7. Verify that the code works by pressing the **Volume** button on the remote (see below).
8. For quick reference, write the number from step 1 down in the table on the inside of the back cover of this manual.

The remote control is now programmed to control your TV.

To verify that the remote control operates your TV

With your TV turned on, press the **Volume +** on the remote control. If the remote does not change the volume on your TV, repeat the steps above using a different code listed for your TV manufacturer.

Programming for VCR Operation

To program the remote to control your VCR, do the following:

1. Find the three-digit code for your VCR manufacturer in the *VCRs* table on page 9. Use the first number listed if more than one set of numbers appears for your VCR.
2. Set the **TV/VCR SAT** mode switch on the right side of the remote control to **TV/VCR**.
3. Press and hold the **CODSET** button on the left side of the remote for six seconds.
4. Enter the appropriate three-digit code, which you found in step 1,

for your VCR model.

5. Press **ENTER**.
6. Leave the **TV/VCR SAT** mode switch set to **TV/VCR** to operate the VCR.
7. For quick reference, write the number from step 1 down in the table on the inside of the back cover of this manual.

The remote control is now programmed to control your VCR.

To verify that the remote control operates your VCR

Place a video tape in your VCR and press the **Play** button () on the remote control (make sure the **TV/VCR SAT** mode switch is set to **TV/VCR**).

If the remote control does not operate your VCR, repeat the steps on the previous page using a different code listed for your VCR manufacturer.

Note: Your television and VCR must have infrared (IR) remote control receiving capability in order to be operated with the Personal TV remote control.

When you've finished programming the remote control and want to use it to control your DISHPlayer receiver, set the **TV/VCR SAT** mode switch back to **SAT**.

Remote Control Codes

These tables contain the manufacturer codes for programming the remote to control your television and VCR. Every attempt has been made to include all manufacturer codes. If your manufacturer is not listed or the codes do not work, the remote may not control your television or VCR.

Televisions

Admiral	162, 265, 290
Aiwa	105, 106, 107
Akai	110
AOC	112
Bell & Howell (Montgomery Wards)	265, 290
Brocsonic	110, 112
Centurion	112
Craig	143, 144, 141
Croslex	210
Curtis Mathes	110, 130, 144
Daewoo	120, 110, 121
Emerson	143, 141, 144, 110, 240, 145, 146
Fisher	150
Fujitsu	151, 152, 153, 154
Funai	159, 155, 156, 157, 158
General Electric	162, 101, 110, 163
Goldstar	110, 112
Hitachi	180, 110
Inteq	290, 291
JC Penney	110, 162
JVC	190, 191, 192
KTV	110, 144
LXI	162, 110, 112, 130, 150, 210
Magnavox	210, 110, 112, 212, 213
Marantz	220
MGA	110, 112
Mitsubishi	220, 110, 112, 265
MTC	101, 103
National	100, 101, 102, 104
NEC	110, 112
Orion	221
Panasonic	100, 101, 102, 104
Philco	210, 110
Philips	210
Pioneer	222, 101, 130
Portland	110
Prism	101
Proscan	162, 110, 230, 250, 255
Quasar	101, 103
Radio Shack	162, 112, 144, 220
RCA	162, 110, 163, 230, 250, 255, 256, 257, 300, 301, 302
Samsung	260, 110, 112
Sanyo	150, 261, 262, 263, 264
Scott	144, 112
Sears	130, 110, 112, 150, 162, 210
Sharp	265, 240, 266
Signature 2000	265, 290

Sony	270
Sylvania	210, 110, 112
Symphonic	144
Toshiba	130, 265
Vidtech	180, 110, 112
Wards	110, 112, 240
Zenith	290, 291

VCRs

Admiral	735
Aiwa	727, 732
Akai	729, 714, 715, 716
Audio Dynamic	739, 711
Bell & Howell	705
Broksonic	720, 726
Canon	723, 725
CCE	743
Citizen	706
Craig	705, 729, 706
Curtis Mathes	745, 724, 727
Daewoo	743, 760, 724, 775
DBX	739, 710, 711
Dimensia	745
Emerson	743, 726, 719, 703, 725, 741, 720
Fisher	705, 708, 709, 707
Funai	727, 726, 720, 734
GE	733, 745, 724
Go Video	737, 751, 763
Goldstar	706
Gradiente	776, 768, 734, 756
Hitachi	723, 745, 700, 727, 768
Instant Replay	724, 723
Jensen	739
JVC	739, 710, 711, 734
Kenwood	739, 710, 706, 711
LG	759
LXI	727, 706, 700, 707, 708, 705, 709
Magnavox	731, 723, 724, 773
Marantz	739, 710, 711
Marta	706
Memorex	724, 709
MGA	738, 740, 747, 748, 741
Minolta	700, 745
Mitsubishi	738, 740, 747, 748, 741, 761
Multitech	747, 727, 704
NEC	739, 710, 711, 734
Olympic	724, 723
Optimus	728, 721, 735, 706
Orion	726, 720
Panasonic	723, 724, 721, 722
Penney	724, 700, 745, 705, 739, 710, 711
Pentax	700, 711, 745
Philco	731, 724, 727, 723, 726, 720, 743
Philips	731, 723, 724, 731
Pioneer	723
Proscan	745, 700, 723, 724, 731, 746, 760, 702, 733

Quasar	721, 722, 723, 724
Radio Shack	733, 724, 705, 736, 709, 740, 727
RCA	733, 745, 700, 723, 724, 731, 746, 760, 702
Realistic	724, 705, 736, 709, 740, 727
Samsung	737, 702, 704, 733
Sansui	739, 726, 720, 752
Sanyo	705, 709, 705
Scott	760, 702, 704, 709, 738, 740, 747, 748, 726
Sears	705, 706, 707, 708, 700
Sharp	735, 736, 767
Shintom	717
Signature 2000	727, 735
Singer	717
Sony	728, 729, 730
SV2000	727
Sylvania	731, 723, 724, 727
Tashiro	706
Tatung	739, 710, 711
Teac	739, 710, 727, 711
Technics	721, 722, 723, 724
Teknika	724, 727
Toshiba	760, 746, 766
Vector Research	711
Wards	735, 736, 709, 744, 706
Yamaha	705, 739, 710, 711
Zenith	744, 706

FCC Compliance

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.

Radio Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

In addition, the FCC provides a booklet that can help you. You can order the booklet from the following address:

How to Identify and Resolve Radio-TV Interference Problems
Stock No. 004-000-00345-4
U.S. Government Printing Office
Washington, DC 20402

Limited Warranty

This warranty extends only to the original user of the DISH Network™ Remote Control ("you," "your") and is limited to the purchase price of the remote control. EchoStar Communications Corporation and its affiliated companies ("we," "our," "us") warrant this remote control against defects in materials or workmanship as follows.

For a period of one year from the original date of purchase, if we determine that the remote control is defective subject to the limitations of this warranty, we will replace the remote at no charge for parts or labor. We warrant any such work done against defects in materials or workmanship for the remaining part of the original warranty period.

This warranty *does not cover* installation of the DISH Network™ System; consumer instruction; physical set up or adjustment of any consumer electronic device; remote control batteries; signal reception problems; loss of use of the equipment; unused programming charges due to equipment malfunction; cosmetic damage; damage due to lightning, electrical or telephone line surges, fire, flood, or other acts of Nature; accident; misuse; abuse; repair or alteration by other than our factory service; negligence; commercial or institutional use; improper or neglected maintenance; equipment sold AS IS or WITH ALL FAULTS; equipment removal or reinstallation; shipping damage if the equipment was not packed and shipped in the manner we prescribe; nor equipment purchased, serviced, or operated outside the contiguous United States of America.

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. WE SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS EQUIPMENT, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS EQUIPMENT. UNDER NO CIRCUMSTANCES SHALL OUR LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS EQUIPMENT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS EQUIPMENT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. WE RESERVE THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF WE DETERMINE ANY OF THE ABOVE EXCEPTIONS TO HAVE CAUSED THIS EQUIPMENT NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL OR CONDITIONAL ACCESS NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THE REMOTE HAS BEEN OPENED BY AN UNAUTHORIZED PERSON (with the exception of opening the battery cover).

Notes:

Notes:

CODES PROGRAMMED INTO REMOTE
Television Code:
VCR Code:



FOR ALL YOUR CUSTOMER NEEDS,
CALL DISH Network™ CUSTOMER SERVICE
AT 1-800-333-DISH (3474).

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